



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,650	04/24/2001	Kurt Bozenmayer	P-6077	6434

7590 09/03/2002  
Jefferson Perkins  
Piper Marbury Rudnick & Wolfe  
P.O. Box 64807  
Chicago, IL 60440-0807

EXAMINER
----------

LITHGOW, THOMAS M

ART UNIT	PAPER NUMBER
----------	--------------

1724

DATE MAILED: 09/03/2002

6

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/841650

Applicant(s)

Bozenmayer

Examiner

Lithgow

Group Art Unit

1724

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

## Status

- ☐ Responsive to communication(s) filed on \_\_\_\_\_
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 1 1; 453 O.G. 213.

## Disposition of Claims

- ☒ Claim(s) 1-29 is/are pending in the application.  
Of the above claim(s) none
- ☒ Claim(s) 29 is/are withdrawn from consideration.
- ☒ Claim(s) 1-7 and 11-28 is/are allowed.
- ☒ Claim(s) 8-10 is/are rejected.
- ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
  - ☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been received.
  - ☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_
  - ☐ received in this national stage application from the International Bureau (PCT Rule 1 7.2(a)).

\*Certified copies not received: \_\_\_\_\_

## Attachment(s)

- ☒ Information Disclosure Statement(s), PTO-1449, Paper No(s) 5
- ☒ Notice of Reference(s) Cited, PTO-892
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other \_\_\_\_\_

Office Action Summary

Art Unit: 1724

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3-7, 13, 15-20, 22 and 23-25 are rejected under 35 U.S.C. 102(b) as being anticipated by Tietz (US 3218785).

Tietz ('785) discloses a filter cap assembly having two portion of a housing connected via bayonet connection with tabs 84 being inserted into female coupling 32.

Claims 1, 3-7, 13, 15-20, 22 and 23-28 are rejected under 35 U.S.C. 102(b) as being anticipated by Terhune (US 5,045,192).

Terhune ('192) discloses a filter assembly which is plastic being mounted to a plastic base (14) via a bayonet connection.

Claims 1, 3-6, 11-13, 15-20, 22 and 23-28 are rejected under 35 U.S.C. 102(b) as being anticipated by EP 231862.

EP ('862) includes a filter unit 14 made of plastic being mounted to a plastic head (12). There are O-rings 66 to effect the seal of the coupling.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 2, 14 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Terhune ('192) as applied to claims 1, 13 and 19 respectively above, and further in view of Mansfield (US 3760951).

Mansfield teaches the mounting of plastic filter cartridge 12 to a metal spigot bushing (18) via a bayonet connection. It is taught in Mansfield that the male - female portions are reversible and that the male portion may be plastic or metal (col. 3, lines 25+). To so modify the Terhune bayonet coupling would have been obvious to one of ordinary skill based on the teaching of equivalence in Mansfield.

Claims 8-10 and 290 are not rejected over the art of record.

Any inquiry concerning this communication should be directed to Thomas Lithgow at telephone number 703-0173.



T. M. Lithgow/mn

August 30, 2002

THOMAS M. LITHGOW  
PRIMARY EXAMINER  
GROUP 1700